BTCWork

A Monetary System Built on Real Human Work

Whitepaper — Version 2.0

Created by

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Abstract

BTCWork is a decentralized digital monetary system that rewards real human work instead of computational power. Anyone who works — physically or digitally — earns tokens proportional to their time and performance quality. Companies act as validators with economic incentive for honesty. Value emerges from real demand, not artificial scarcity. The system is autonomous, transparent, and designed to be fair by design — correcting Bitcoin's structural flaws without betraying its original vision.

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1. The Problem

1.1 Bitcoin: a brilliant idea with structural flaws

Bitcoin solved the double-spending problem for the first time without central authority — a genuine innovation. However, fifteen years later, structural flaws emerge that no update has resolved.

1.2 Distribution inequality

Satoshi Nakamoto accumulated approximately 1 million BTC — nearly 5% of total supply — mining when difficulty was minimal. This time advantage is unreplicable for anyone entering later.

If that wallet were ever moved, the impact would be devastating. A decentralized system cannot depend on one anonymous person's choice.

1.3 Energy waste

Proof of Work requires mathematical calculations with no practical utility — only to make attacking the network expensive.

The Bitcoin network consumes approximately 150 TWh/year — equivalent to Argentina's entire consumption. Zero tangible value produced.

1.4 Disconnection from the real world

The digital economy grows disconnected from real human work. Trillions move in speculation without anyone producing anything concrete.

BTCWork is born from the conviction that digital money must remain anchored to real human effort.

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2. The Vision

BTCWork proposes a system where:

- Tokens are earned by working — any real verifiable work, physical or digital.
- Work time is equal for everyone — one hour is one hour for anyone.
- Performance quality determines an additional multiplier.
- Companies validate work and earn proportionally to their workers.
- No one accumulates a dominant percentage from the start.

- The system runs autonomously — no one can stop or control it.
- Workers can work for companies in any country — no borders, no banks.

BTCWork is Bitcoin recalibrated around humans instead of machines.

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3. How It Works

3.1 Participants

Participant	Role	How they earn
Worker	Produces real verifiable work	BTCWork for hours + quality multiplier
Company	Validates work with deposited stake	Automatic percentage per worker
The System	Distributes tokens and detects anomalies	Automatic transaction fees
Dylan Cub — Creator	Defined the initial rules	2% of supply, locked 10 years

3.2 Complete flow — 7 steps

Step 1 — Registration

The worker downloads the app, registers with real ID and biometric verification. One identity per person in the system.

Step 2 — Company connection

The company is registered with deposited stake. Worker connects via unique code. Company approves.

Step 3 — Start work

Worker presses 'Start work'. System records exact time, GPS and declared activity type.

Step 4 — Monitoring

App records patterns in background. If offline, syncs when connection returns. AI analyzes anomalies.

Step 5 — Session close

Worker closes session. A work report is generated and sent to the company.

Step 6 — Validation

Company has 24 hours to confirm. Repeatedly denying real work = losing their stake.

Step 7 — Automatic distribution

Instantly: worker receives BTCWork, company receives its percentage. Immutably recorded on blockchain.

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4. The Anti-Fraud Mechanism

4.1 Economic incentive as guarantee

The system does not rely on goodwill — it relies on the mathematics of incentives.

Dishonest company: loses stake, gets expelled, loses all future earnings. Honest company: earns forever proportionally to its workers. The choice is obvious.

4.2 Three-level protection

Level	Mechanism	What it prevents
Level 1 — Identity	Real ID + biometric verification	Fake and duplicate accounts
Level 2 — Company stake	BTCWork deposit as collateral	Fraudulent companies
Level 3 — System AI	Pattern and anomaly analysis	Suspicious automated behavior

4.3 What is impossible to defraud

- Fake workers — require real biometrically verified identity.
- Simulating physical work — GPS, timestamps and patterns analyzed by AI.
- Corrupting the system — decentralized, no central server.
- Mass validation — timing anomalies automatically detected.

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5. Quality Evaluation

5.1 Three-voice system

Performance quality determines a multiplier on base earnings. No single voice has absolute power — evaluation is distributed across three sources:

Evaluation source	Weight	How it works
End client	40%	Rates the result of completed work
Validating company	40%	Rates consistency, reliability and punctuality over time
Automatic market	20%	System detects global demand for that skill

5.2 Acknowledged open limit

This evaluation system is robust but not perfect. In some work contexts the end client is not present or identifiable. The BTCWork community will develop category-specific mechanisms in future protocol versions.

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6. The Economic Model

6.1 Supply distribution

Recipient	Percentage	Conditions
Workers	~88%	Earned by working — never pre-assigned
Validating companies	~8%	Earned proportionally to workers
Dylan Cub — Creator	2%	Locked 10 years, gradually unlocked
Initial investors	2%	Locked 5 years, to fund development

The creator's percentage is declared in the code from day one. Anyone can verify it on the blockchain. No hidden Satoshi.

6.2 Value comes from demand

BTCWork imposes no artificial value. Value emerges organically from real demand: companies buy BTCWork to deposit stake, workers accumulate and exchange, investors enter seeing genuine demand.

As more participants enter the system, demand grows naturally — exactly as happened with Bitcoin between 2009 and 2013.

6.3 Percentage by company size

Size	Workers	% per worker	Rationale
Small	1-50	12%	Supports growth of small businesses
Medium	51-500	9%	Balance between growth and sustainability
Large	500+	6%	Volume compensates lower percentage

6.4 Work without borders

A worker in any country can work for a company in any other country. The system pays directly in BTCWork — no international bank, no visa, no border. This opens the global economy to 1.4 billion people who currently have no banking access.

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7. The Genesis Phase

At the start, BTCWork does not yet exist as a tradeable token. A mechanism is needed to start the system from zero without contradicting the fairness principle.

The first 100 companies to register receive a free initial stake with these strict conditions:

- Genesis tokens are usable only as stake — not sellable, not transferable.
- Locked for 2 years — after which they convert to normal tokens.
- If the company defrauds during 2 years — loses everything with no refund.

- Subsequent companies pay stake normally with BTCWork purchased on the market.

Honest note: The first 100 companies have a time advantage over later ones — exactly like Bitcoin's first miners. This is a necessary compromise to start the system. It is publicly declared and not hidden.

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8. Governance

The system runs autonomously. But if a serious code problem emerges, a mechanism is needed to update it without anyone having absolute power.

Voting in BTCWork is proportional to work accumulated in the system — not tokens owned. Those who work more have more voice. No change passes without 70% consensus of active participants.

Who votes	Vote weight	How it's measured
Workers	Proportional to accumulated hours	Verified history on blockchain
Companies	Proportional to active workers	6-month average
Investors	Minimum weight — max 10% total	To prevent capital dominance

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9. Technical Infrastructure

9.1 Where BTCWork runs

On a decentralized blockchain — thousands of nodes worldwide. No central server. Like Bitcoin, the system continues independently of anyone, including Dylan Cub.

9.2 Smart contracts

All rules are encoded in immutable smart contracts: company registration, work sessions, token distribution, fraud penalties, voting system.

Once deployed, they cannot be unilaterally modified by anyone — not even the creator. Only community vote can update the protocol.

9.3 The app

Simple for any worker. Works offline with automatic sync. For workers: start session, close session, view real-time earnings. For companies: confirm work, monitor proportional earnings.

10. Comparison with Bitcoin

Feature	Bitcoin	BTCWork
How you earn	Computational mining	Real verified human work
Energy consumption	~150 TWh/year	Minimal
Initial distribution	Huge advantage for Satoshi	Minor advantage for first 100 — declared
Wealth concentration	Satoshi holds ~5% secretly	Dylan Cub holds 2% declared and locked
Validators	Miners with expensive hardware	Companies with economic stake
Real-world anchor	None	Verified human work hours
Geographic borders	None	None — global work
Autonomy	Runs alone	Runs alone
Creator transparency	Anonymous and disappeared	Publicly declared
Governance	Difficult and slow	Voting proportional to work

11. Roadmap

Phase	Objective	Timeframe
Phase 1 — Whitepaper	Publish and distribute this document	Complete
Phase 2 — Community	Find developers and cryptographers who believe in the vision	Months 1-3
Phase 3 — Prototype	Smart contracts on testnet — working validation mechanism	Months 3-8
Phase 4 — Genesis	First 100 companies, first real workers, pilot system	Months 8-14
Phase 5 — Launch	Public decentralized mainnet — autonomous system	Months 14-24
Phase 6 — Evolution	Post-quantum cryptography, new work categories, active governance	Years 2-5

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12. Open Problems and Intellectual Honesty

BTCWork v2.0 is a solid but not perfect system. We openly declare remaining limits — the community will address them over time:

Quality evaluation without identifiable end client

In some jobs the client is not present or identifiable. Category-specific solutions will be developed with the community in future versions.

Initial zero value

Early workers accumulate BTCWork when the token is still worth little. This is a real and conscious risk — like Bitcoin's first miners. Value grows with organic demand.

First 100 companies advantage

The genesis phase creates a time advantage for pioneers. It is a necessary compromise publicly declared — much smaller and more transparent than Satoshi's advantage in Bitcoin.

Quantum computers

Current cryptography could be vulnerable to future quantum computers. Migration to NIST 2024 post-quantum standards is planned before this technology becomes a real threat.

Company collusion

Colluding companies could attempt to inflate each other's ratings. The voting system and concentration limits reduce this risk but do not eliminate it completely.

13. Conclusion

Bitcoin proved that a monetary system can exist without banks, without governments, without central authority. That is its greatest legacy — and BTCWork respects it.

BTCWork takes that legacy one step further: no energy waste, no anonymous creator secretly holding 5%, no undisclosed advantage for early arrivals.

Value does not come from computation. Value comes from work. From effort. From real contribution to the physical world we live in. From the bricklayer who builds, the farmer who harvests, the programmer who creates, the nurse who cares.

BTCWork is an attempt to build a monetary system that reflects this simple truth — serving anyone who works, anywhere in the world, regardless of who they are or when they discovered this system exists.

Code will be the law. Work will be the value.

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